

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 03/00232

A. CLASSIFICATION OF SUBJECT MATTER

Rec'd PCT/PTO 27 SEP 2004

IPC7: C13K 13/00, C13D 3/14, C13J 1/06 // B01J 41/06
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C13K, C13D, C13J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CHEM.ABS.DATA, EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0227039 A1 (XYROFIN OY), 4 April 2002 (04.04.02) --	1-32
X	PATENT ABSTRACTS OF JAPAN vol.200, no. 022 09 March 2001 (2001-03-09) & JP 2001128700 A (ASAKAWA TOMOJI), 15 May 2001 (2001-05-15) abstract --	1-32

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

10 July 2003

Date of mailing of the international search report

10 -07- 2003

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

EVA JOHANSSON/BS
Telephone No. +46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol.199, no. 913 30 November 1999 (1999-11-30) & JP 11221100 A (TANIGAWA HIROHARUSAKAWA TOMOJI), 17 August 1999 (1999-08-17) abstract --	1-32
A	WO 0227037 A1 (FINNFEEDS FINLAND OY), 4 April 2002 (04.04.02) --	1-32
A	WO 0227038 A1 (XYROFIN OY), 4 April 2002 (04.04.02) --	1-32
A	WO 0042225 A1 (BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE), 20 July 2000 (20.07.00) --	1-32
A	STN International, File CAPLUS, CAPLUS accession no. 1983:85591, document no. 98:85591, Blaschek, Wolfgang, "Complete separation and quantification of neutral sugars from plant cell walls and mucilages by high-performance liquid chromatography", & Journal of Chromatography (1983) 256(1), 157-63 --	1-32
A	STN International, File CAPLUS, CAPLUS accession no. 1982:541125, document no. 97:141125, Trusova, L. I. et al, "Chromatographic determination of carbohydrates and ketonic acids in culture media", & Trudy - Vsesoyuznyi Gosudarstvennyi Nauchno-Kontrol'nyi Institut Veterinarnykh Preparatov (1980), 29-30, 114-21 --	1-32
A	US 5482631 A (SASKA ET AL), 9 January 1996 (09.01.96) -- -----	27

INTERNATIONAL SEARCH REPORT

Information on patent family members

29/06/03

international application No.

PCT/FI 03/00232

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
WO	0227039	A1	04/04/02	AU	9192501 A	08/04/02
				FI	20002148 A	30/03/02
				US	2002120135 A	29/08/02
WO	0227037	A1	04/04/02	AU	8997801 A	08/04/02
				FI	20002150 A	30/03/02
				US	2002169311 A	14/11/02
WO	0227038	A1	04/04/02	AU	9192301 A	08/04/02
				FI	20002149 A	30/03/02
WO	0042225	A1	20/07/00	AU	2387200 A	01/08/00
				CA	2359337 A	20/07/00
US	5482631	A	09/01/96	NONE		

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